

PTO/SB/088 (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

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Substitute for Form 1449/PTO

Complete if Known

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

2

of

4

Application Number

10/607,743

Filing Date

27 June 2003

First Named Inventor

Michael L. Friedman

Art Unit

1714

Examiner Name

not yet assigned

Attorney Docket Number

D0932-00356

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
MAT		ANONYMOUS, web page accessed 19 May 2003 at www.nanoclay.com, "Cloisite®"	
MAT		ANONYMOUS, web page accessed 19 May 2003 at www.nanocor.com/benefits_tech.asp, "Polymer Benefits"	
MAT		BOWMAN et al., 2000, "Particle Shape Characterisation using Fourier Analysis," CUED/D-Soils/TR315 (2000)	
MAT		BROMBACHER et al., 1998, Appl. Environ. Microbiol., 64(4):1237-1241	
MAT		CHIANG et al., 2001, Separat. Sci. Technol. 36(10): 2327-2339 (Abstract only)	
MAT		CHUSID et al., April 2003, The Construction Specifier, 36-48	
MAT		DREVIN et al., 2002, Proc. ISMM2002, 315-325	
MAT		FONT et al., web page accessed 19 May 2003 at www.flyash.info, "Occurrence and distribution of valuable metals in fly ash from Puertolano IGCC power plant, Spain"	
MAT		GARDNER, April 4, 2002, "Firms Lay Financial Foundation Resting on Nanoclay Composites", Small Times Correspondent	
MAT		GILLS, 1993, NIST Standard Reference Material 1633b, "Constituent Elements in Cool Fly Ash"	

Examiner

Signature

M. A. Tuxton

Date

Considered

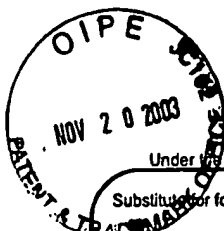
2005 July 19

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Applicant Number	10/607,743
		Filing Date	27 June 2003
		First Named Inventor	Michael L. Friedman
		Art Unit	1714
		Examiner Name	not yet assigned
Sheet 3 of 4	Attorney Docket Number	D0932-00356	

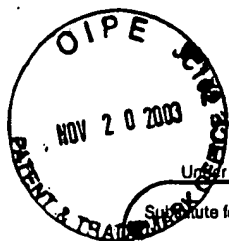
OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS			
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MAT		HEGLI et al., 2001, "Research Plan-Elastomeric Nanocomposites," Eidgenössische Technische Hochschule Zürich	
MAT		JAKOB et al., Feb. 1, 1999, "Removal of Heavy Metals from Municipal Solid Waste Incinerator Fly Ash: the CT-FLUAPUR PROCESS," paper presented at the Recovery, Recycling, Re-integration Congress	
MAT		JAKOB et al., web page accessed 27 May 2003 at <a href="http://www.bb-power.ch/news/News_Fluapur_e.htm">www.bb-power.ch/news/News_Fluapur_e.htm</a> (Abstract only)	
MAT		KAZONICH et al., date unknown, "The Release of Common Metals from Fly Ash During Leaching by Low PH Liquids," U.S. Dept. Energy Technol. Lab., Environ. Sci. Technol. Div., Pittsburgh, PA (Abstract only)	
MAT		BRANDL et al., April 17, 2003, web page accessed 23 May 2003 at <a href="http://www.research-projects.unizh.ch/math/unit_72300/area81/p786.htm">www.research-projects.unizh.ch/math/unit_72300/area81/p786.htm</a> , "Microbial metal mobilization and recovery from solid metal-containing materials"	
		BRANDL et al., April 17, 2003, web page accessed 23 May 2003 at <a href="http://www.research-projects.unizh.ch/math/unit_72300/area81/p786.htm">www.research-projects.unizh.ch/math/unit_72300/area81/p786.htm</a> , "Microbial metal mobilization and recovery from solid metal-containing materials"	
MAT		LAN et al., June 25-27, 2001, "Applications of Nanomer® in Nanocomposites: from Concept to Reality," presentation at the Nanocomposites 2001 conference, Chicago, IL	
MAT		LUTZ et al., web page accessed 23 May 2003 at <a href="http://lem.web.psi.ch/w_fluapu.htm">lem.web.psi.ch/w_fluapu.htm</a> , "Evaporation of Heavy Metals from Filter Ash of Waste Incinerators"	
MAT		MALLOY et al., 2001, "High Carbon Fly Ash/Mixed Thermoplastic Aggregate for Use in Lightweight Concrete", Recycled Materials Resource Center, Research Project 19.	
MAT		MCGARVEY et al., 1985, "Removal and Recovery of Metals by Ion Exchange, " 23rd Annual Libery Bell Corrosion Course 4.	

Examiner Signature	M. A. Thexton	Date Considered	2005 July 19
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Sheet for form 1449/PTO

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MAT		NANOCOR, Publication G-100, Date Unknown, "General Information About Nanomers®"	
MAT		NANOCOR, Publication T-16, Date Unknown, "Nanocomposites Using Special Purpose Nanomers"	
MAT		NANOCOR, Publication Lit.P-807, October 2002, "Polyolefin Nanocomposites"	
MAT		NANOCOR, Publication T-11, Aug. 2001, "Epoxy Nanocomposites Using Nanomers®I.30E"	
MAT		QIAN et al., February 25-28, 2001, "Preparation and Properties of Polyolefin Nanocomposites", Technical Papers presented at Polyolefins 2001 conference, Houston, TX	
		<del>SCHULER et al., Date Unknown, "Forschung: Thermische Separation," Paul Scherrer Institut, Publ. No. PSI-INFO ENE-Old</del>	
MAT		SCHUT, September 1999 "Compounding Close-up Fly-Ash Filler Stages a Comeback," Plastics Technology Online Article.	
MAT		Sphere Services, Inc. web page accessed 16 May 2003 at www.sphereservices.com/ "Cenospheres"	

Examiner Signature	<i>M. A. Thexton</i>	Date Considered	<i>20.5 July 29</i>
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